

Message

From: David Brymer [david.brymer@tceq.texas.gov]
Sent: 3/14/2017 10:01:54 PM
To: Donaldson, Guy [Donaldson.Guy@epa.gov]; Sather, Mark [sather.mark@epa.gov]
CC: Erik Gribbin [erik.gribbin@tceq.texas.gov]; Terry Salem [terry.salem@tceq.texas.gov]; Nicolas Parke [Nicolas.Parke@tceq.texas.gov]; Stephen Davis [stephen.davis@tceq.texas.gov]
Subject: FW: References to work by Dr. Daniel Jaff

Guy and Mark,

I also wanted to follow-up on 2 comments made at our last meeting. First, in my very quick summary of why we thought our package was approvable I mentioned that the HMS model showed smoke in the area and the aerosol optical depth measurements showed smoke at ground level. I should not have included the HMS analysis in my statement. I was looking at older information that indicated smoke was indicated in the HMS analysis. We did not include the HMS data as part of our El Paso demonstration.

The 2nd comment was in regards to the number of fires that contributed to fire emissions impacting the El Paso area. Mark, I believe that you mentioned that there were 5 fires and I disagreed and said there were 8 fires. There were 5 fires mentioned in Table 1-2 of our submittal identifying fires contributing to the El Paso Exceptional Event. There are 8 fires in Attachment 3 identifying wildfires influencing the El Paso exceptional event on the day in question.

Thanks again for your time in this matter and the opportunity to provide additional information.

David

From: Stephen Davis
Sent: Monday, March 13, 2017 4:44 PM
To: Erik Snyder (Snyder.Erik@epamail.epa.gov) <Snyder.Erik@epamail.epa.gov>
Cc: Erik Gribbin <erik.gribbin@tceq.texas.gov>; David Brymer <david.brymer@tceq.texas.gov>; Terry Salem <terry.salem@tceq.texas.gov>; Nicolas Parke <Nicolas.Parke@tceq.texas.gov>; Donaldson, Guy <Donaldson.Guy@epa.gov>; Textor, Marise <Marise.Textor@wnr.com>
Subject: References to work by Dr. Daniel Jaff

Erik,

During Friday's meeting we committed to providing you references to work done by Dr. Daniel A. Jaffee regarding wildfire modeling and impacts.. Ms. Textor indicated that they were sponsoring some additional work that would be done by Dr. Jaffee.

Below are links to three scientific journal articles. In case the links don't work the actual articles are attached:

Jaffe, Daniel A. and Nicole L. Wigder. 2012. Ozone production from wildfires: A critical review. Atmospheric Environment 51, : 1-10, <http://www.sciencedirect.com/science/article/pii/S1352231011012507>.

Jaffe, Daniel A., Nicole Wigder, Nicole Downey, Gabriele Pfister, Anne Boynard, and Stephen B. Reid. 2013. Impact of wildfires on ozone exceptional events in the western U.S. Environmental Science & Technology 47, no. 19: 11065-11072, <http://dx.doi.org/10.1021/es402164f>.

Wigder, N. L., D. A. Jaffe, and F. A. Saketa. 2013. Ozone and particulate matter enhancements from regional wildfires observed at mount bachelor during 2004-2011. Atmospheric Environment 75, : 24-31,

<http://www.sciencedirect.com/science/article/pii/S1352231013002719>.

Thanks and will be talking to you soon.

Stephen B. Davis, Manager
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